

FIGURE5 (Prior Art)

32 Bits						
			L_L_			
Version	IHL ₆₀₄	Type of service	e 606		Total length	608
Identification 610 D M 612 Fragment offset						614
Time to live 616 Protocol 618 Header checksum						620
Source address						622
Destination address						624
Options (0 or more words)						اِ
Cpaons (o or more words)					626	

FIGURE 6A

(Prior Art)

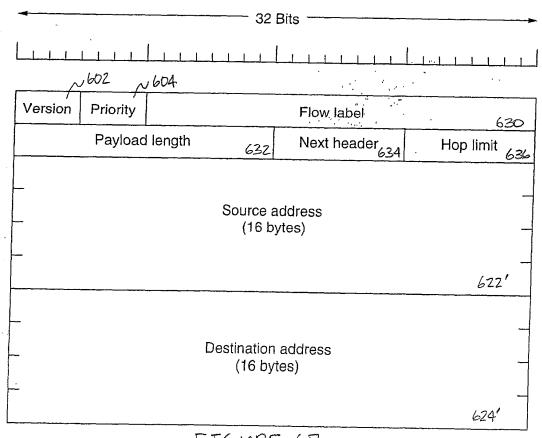
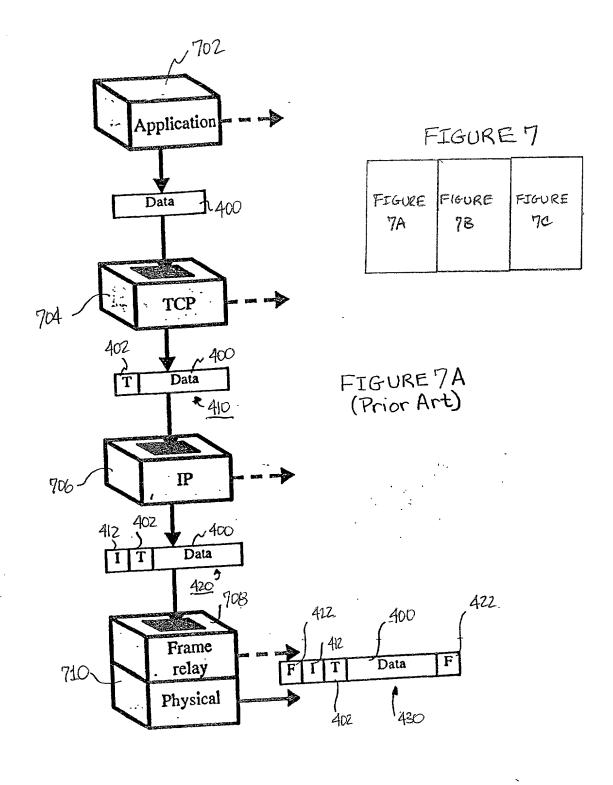
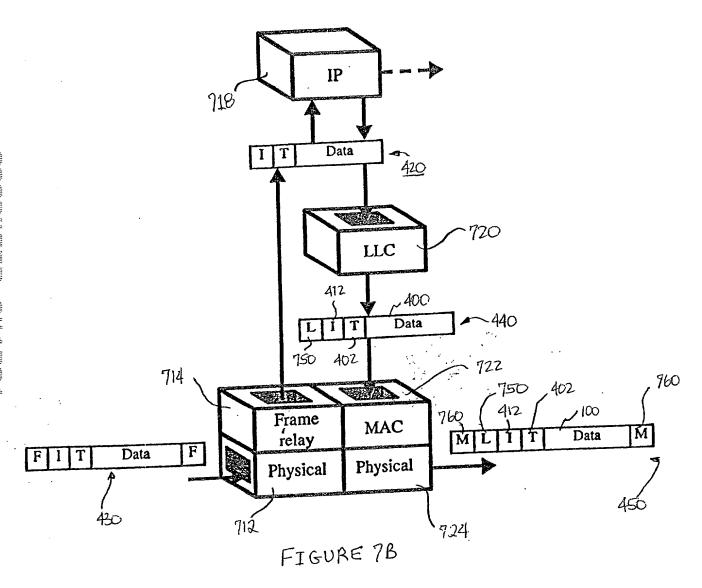
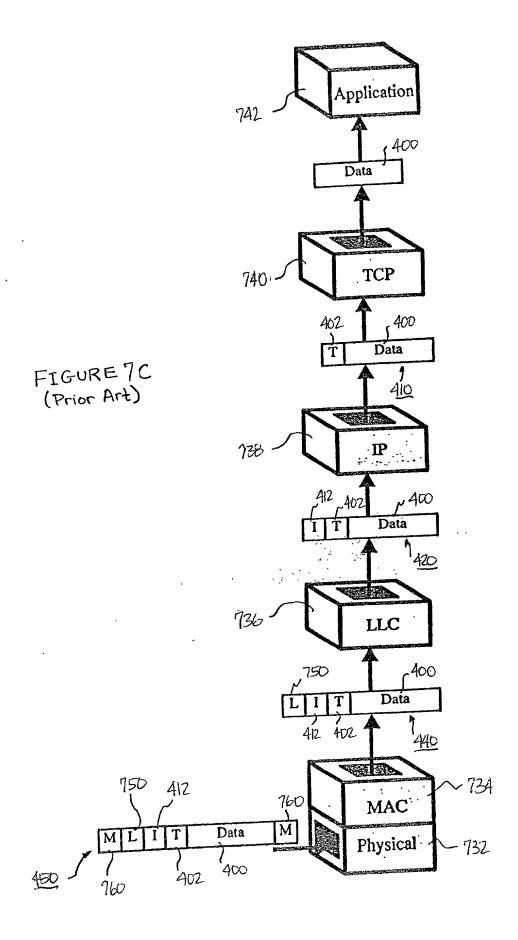


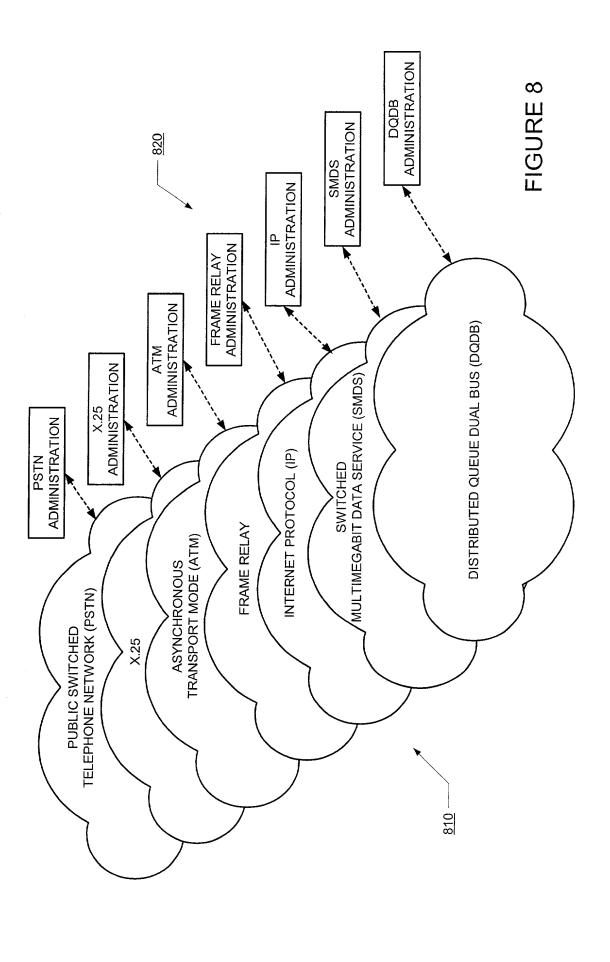
FIGURE 6B

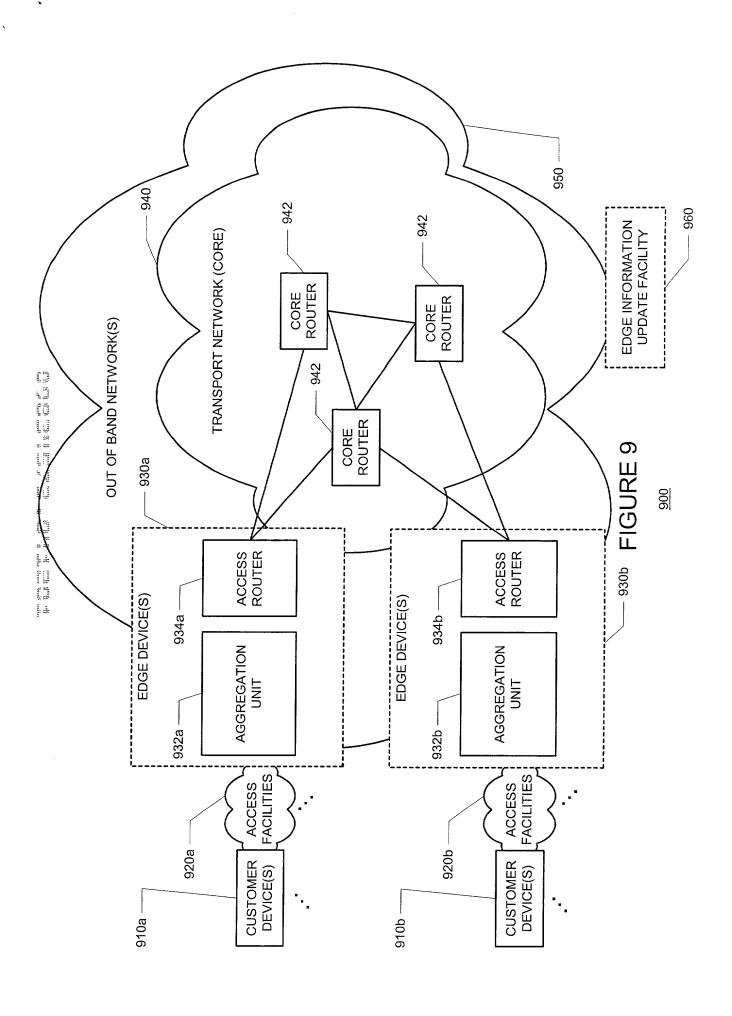
(Prior Art)











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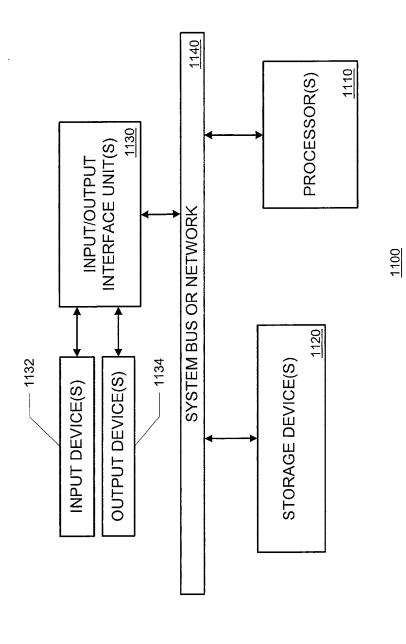
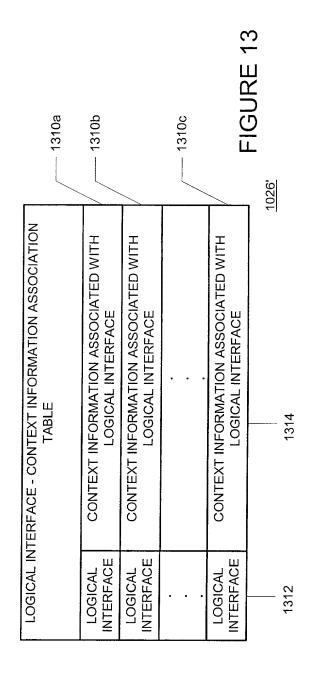


FIGURE 11

the first court star of the first the court of the star of the sta

1210a	7 1210b		1210c	FIGURE 12	1020.
ADDRESS RESOLUTION TABLE (AU)	(LAYER 2) ADDRESS OF CUSTOMER DEVICE ASSOCIATED WITH LOGICAL INTERFACE	(LAYER 2) ADDRESS OF CUSTOMER DEVICE ASSOCIATED WITH LOGICAL INTERFACE		(LAYER 2) ADDRESS OF CUSTOMER DEVICE ASSOCIATED WITH LOGICAL INTERFACE	1214
AD	LOGICAL INTERFACE ID	LOGICAL INTERFACE ID		LOGICAL INTERFACE ID	1212



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ſ.	1410a	1410b	1410c	Figure 14	1036	— 1510a	—— 1510b		—— 1510c	FIGURE 15
TABLE	EGRESS ACCESS ROUTER LAYER 3 ADDRESS	EGRESS ACCESS ROUTER LAYER 3 ADDRESS		EGRESS ACCESS ROUTER LAYER 3 ADDRESS	1414	E (AR)	EFFECTIVE LOGICAL INTERFACE ADDRESS	EFFECTIVE LOGICAL INTERFACE ADDRESS		EFFECTIVE LOGICAL INTERFACE ADDRESS
CARRIER INFORMATION TABLE	AT LEAST A PART OF THE CONTEXT INFORMATION + (LAYER 3) DESTINATION ADDRESS	AT LEAST A PART OF THE CONTEXT INFORMATION + (LAYER 3) DESTINATION ADDRESS		AT LEAST A PART OF THE CONTEXT INFORMATION + (LAYER 3) DESTINATION ADDRESS	1412	ADDRESS RESOLUTION TABLE (AR)	AT LEAST A PART OF THE CONTEXT INFORMATION + (LAYER 3) DESTINATION ADDRESS	AT LEAST A PART OF THE CONTEXT INFORMATION + (LAYER 3) DESTINATION ADDRESS		AT LEAST A PART OF THE CONTEXT INFORMATION + (LAYER 3) DESTINATION ADDRESS

1058'

1514

1512

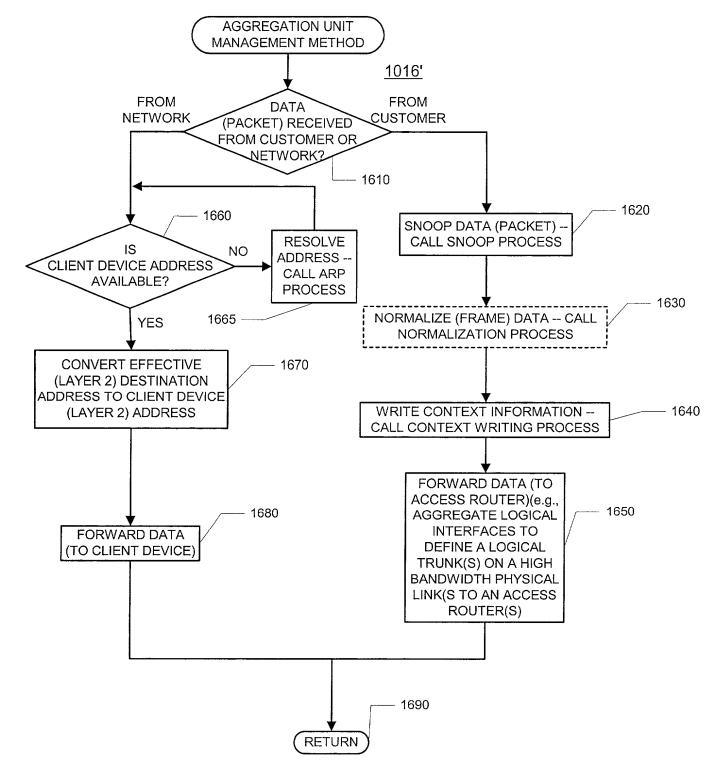


FIGURE 16

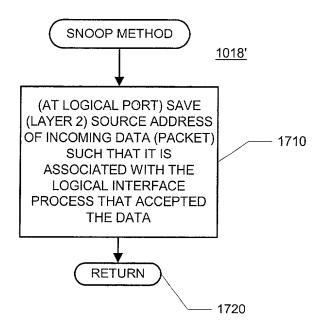


FIGURE 17

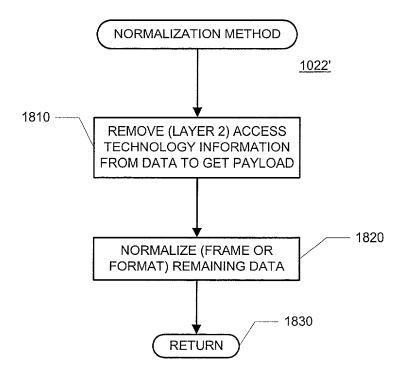


FIGURE 18

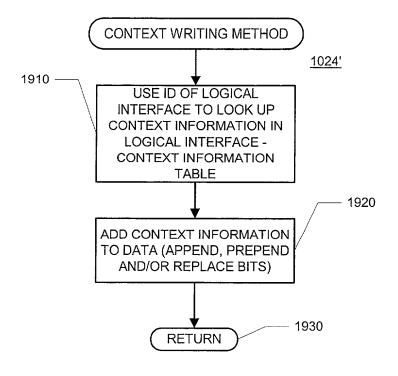


FIGURE 19

		<u> </u>		
	FIC)	2012	2014	
ADDRESS AND SERVICES MODEL 96 - 104 BITS FROM LAYER 2 (ETHERNET) HEADER	VPN-ID (TO IDENTIFY CUSTOMER SOURCING OR RECEIVING THE TRAFFIC)	(INDEX)	GEOGRAPHIC LOCATION 16 BITS PHYSICAL UNIT	QUALITY OF SERVICE

FIGURE 20

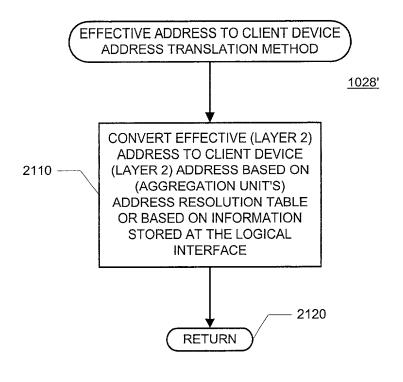


FIGURE 21

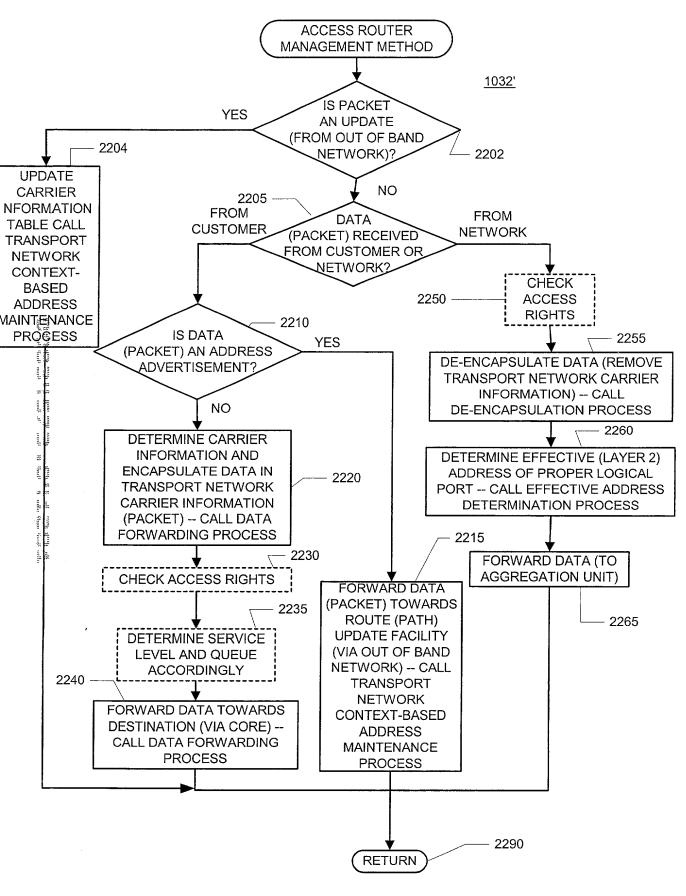


FIGURE 22

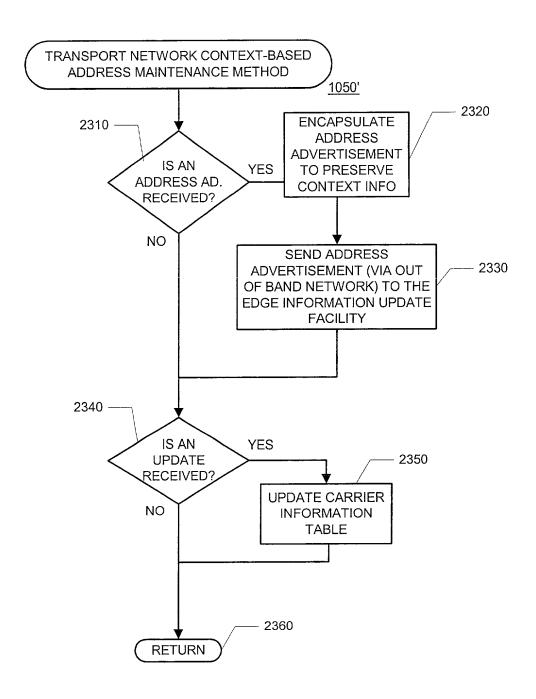


FIGURE 23

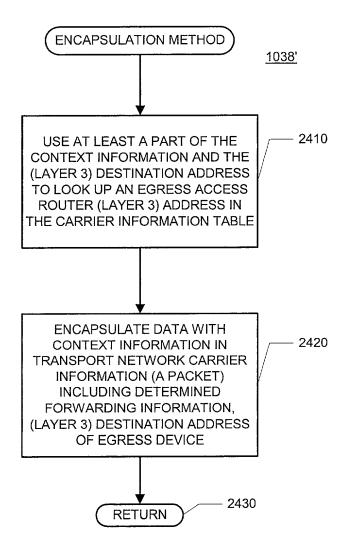


FIGURE 24

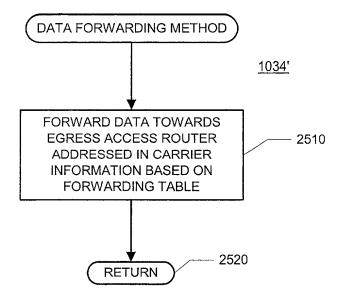


FIGURE 25

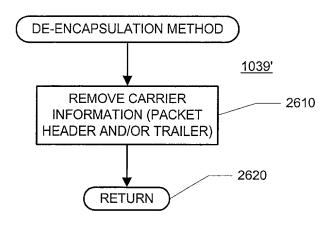


FIGURE 26

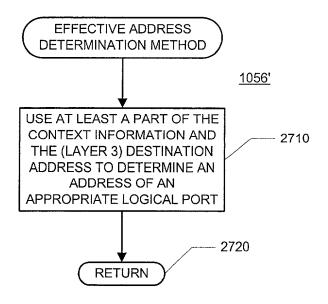


FIGURE 27

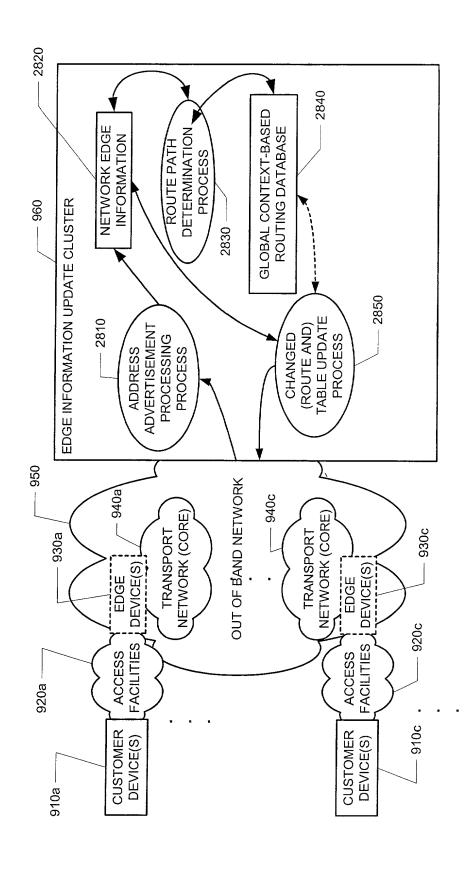
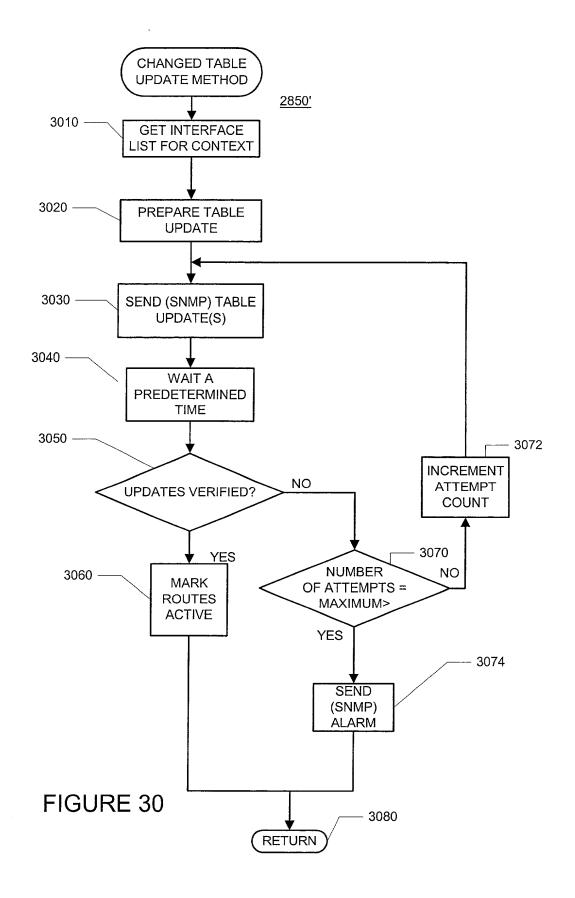


FIGURE 28



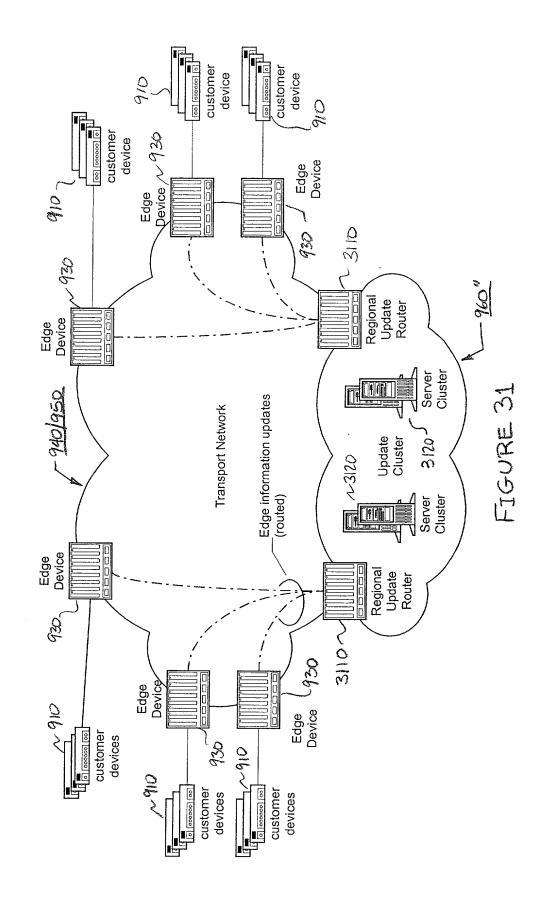


FIGURE 32

	- 	 3270
	STATUS FLAG	 3260 32
	EGRESS AR ORIGINATING ADDRESS AR ADDRESS	 3250 32
BLE	EGRESS AR ADDRESS	 3240 3
DRMATION TA	SUBNET MASK	 3200
CARRIER INFORMATION TABLE	CLIENT NETWORK ADDRESS	 3220 3230 3
	/PN-ID-OUI VPN-ID-INDEX	
	VPN-ID-OUI	 3210

FIGURE 33

	CONTEXT	CONTEXT-BASED ADDRESS RESOLUTION TABLE	UTION TABLE	
VPN-ID-OUI	VPN-ID-OUI VPN-ID-INDEX	CLIENT NETWORK ADDRESS	SUBNET MASK	CLIENT LAYER 2 (MAC) ADDRESS
٠	•	q		
3	3310 33	- 3320 3300	3	3340 3350

FIGURE 34

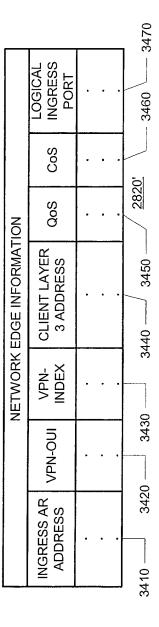
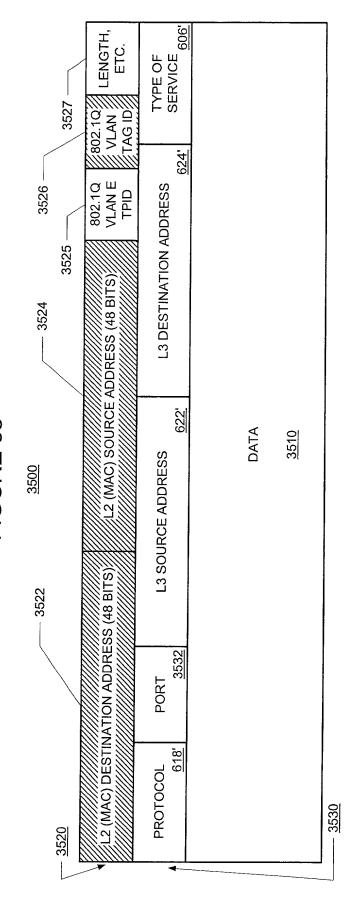
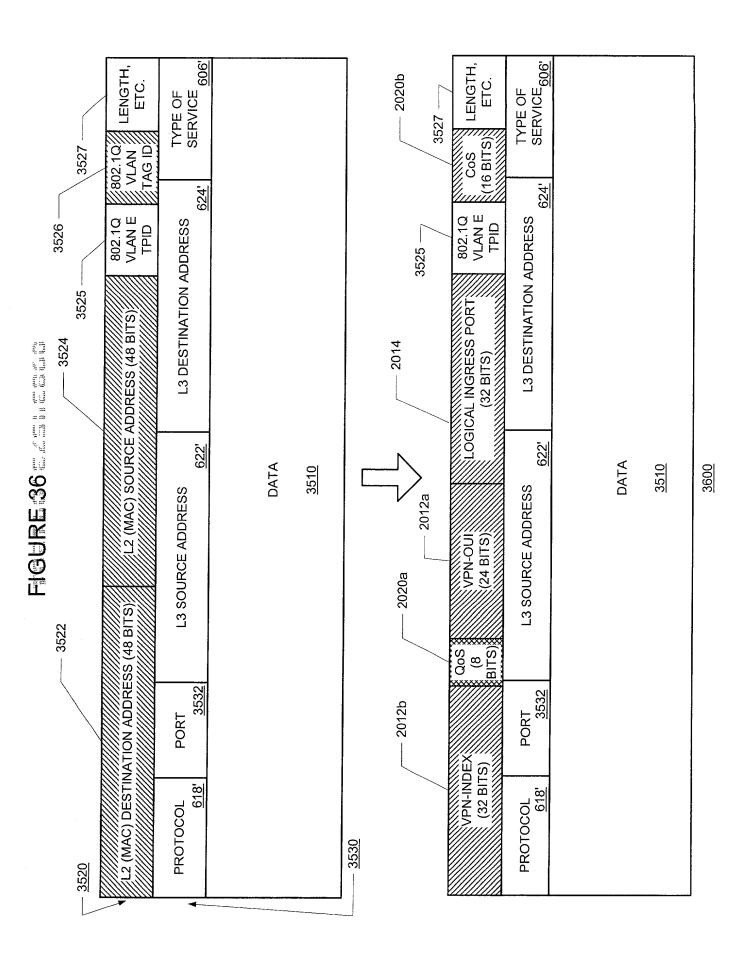
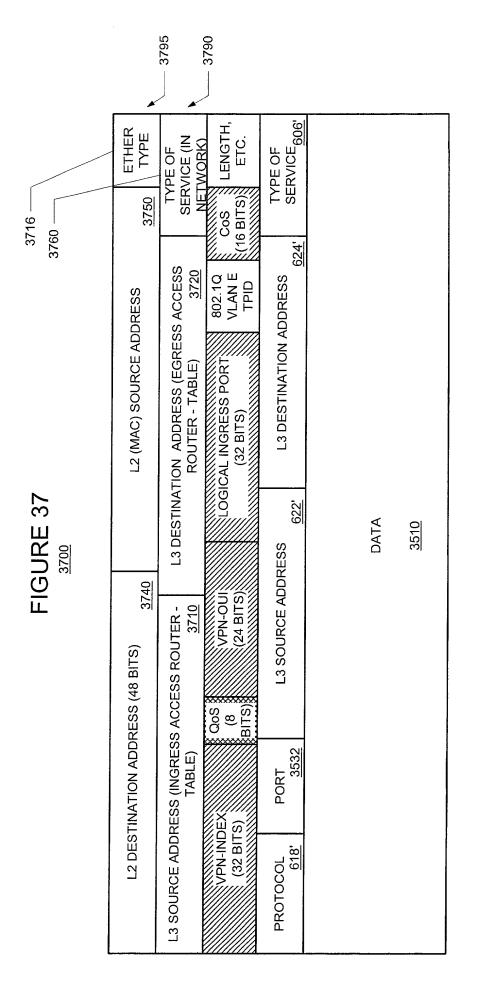


FIGURE 35







	TYPE OF SERVICE 606'		
	L3 DESTINATION ADDRESS 624'		
FIGURE 38 3800 STINATION	L3 SOURCE ADDRESS 622'	DATA	3510
32-bit EGRESS LOGICAL INTERFACE ID 3810 3810 WITHIN THIN THIN THIN THIN THIN THIN THIN	DL PORT 3532		
16 LSBs of 32-bit EGRESS LOGICAL INTERFACE ID 3810 3810 3810 3810 3810 3810 3810 3810	PROTOCOL 618'		

TYPE OF SERVICE 606' 624' L3 DESTINATION ADDRESS 622 FIGURE 39 DATA 3510 L3 SOURCE ADDRESS 3900 3532 **PORT** - 3910 618' PROTOCOL 3530

